FIG. 1

Figure 2

Exhaust 100

324   326

320

322

110

20

Motor/
Generator

Compressor

30

32

31

Turbine

23

Recuperator

22

Catalytic
Combustor

Ambient
Air
310

Optional
Catalytic
Reactor

316

46   Fuel
Pump

Preheater

300

Figure 3

410

400

Exhaust 100

324   326

320

322

110

20

Motor/
Generator

Compressor

30

32

31

Turbine

23

Recuperator

400

22

Catalytic
Combustor

Ambient
Air
310

Optional
Catalytic
Reactor

316

46   Fuel
Pump

Figure 4